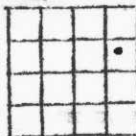


drillers
00062
County Clinton sec. 27 T. 55 R. 30
Owner Messler Gas Co. Elev. 1025 MGS#



Farm Douglass No. 1 TD 600 Shows gas Spls.

Status Date
Completed 2-6-31 Fm@TD

Remarks:

Lathrop field

ME004

Thickness, Lithology, and Continuity of Reservoir

The producing sands, believed to be channel sands and part of a regional system that is mappable in a continuous pattern over at least four counties, vary from 2 to 30 ft thick.

Shales in the Kansas City Group range from 2 to 10 ft thick and produce significant amounts of gas. The shales are scattered throughout the field and are difficult to predict their producibility.

Estimated Ultimate Yield

The total reserves for the Lathrop field is at a minimum of 1,357,000 ft³.

Market for Gas

Although the Lathrop field never produced enough gas to be considered a commercial field, its gas production has been continuous. All gas produced has been used to provide power for several farms. The exact amount of gas used and the length of time individual wells were used is unknown.

Lathrop Field Data

| <u>Well Name</u> | <u>Contractor</u> | <u>Date Completed</u> | <u>Initial Production</u> | <u>Oil/Gas Shows</u> |
|-------------------|-------------------|-----------------------|---------------------------|----------------------|
| Hubbard #1 | Irvin Hubbard | 12/08 | Produced | Oil |
| R.S. Stockton | R.S. Stockton | 02/07/10 | Produced | |
| Stenison #1 | Messler Gas Co. | 02/10/30 | 100,000 ft ³ | |
| Pollard #1 | Messler Gas Co. | 09/30 | D&A | |
| Harrington #1 | Messler Gas Co. | 12/13/30 | 180,000 ft ³ | |
| Harrington #2 | Messler Gas Co. | | 75,000 ft ³ | |
| H. Rodgers #1 | Messler Gas Co. | 01/30/31 | D&A | |
| Douglas #1 | Messler Gas Co. | 02/06/31 | D&A | Oil/Gas |
| Bert Lewis #1 | Messler Gas Co. | | D&A | |
| Bert Lewis #2 | Messler Gas Co. | 02/13/31 | 180,000 ft ³ | |
| Cumley #1 | Messler Gas Co. | 02/17/31 | 75,000 ft ³ | |
| Glen Brillhart #1 | Messler Gas Co. | 02/27/31 | D&A | Oil/Gas |
| Bert Bryan #1 | R.M. Hammond | 11/22/35 | D&A | Gas |
| Virginia Brown #3 | Stonum | 12/12/35 | 380,000 ft ³ | |
| Bert Bryan #2 | | 11/22/36 | D&A | |
| W.O. Watson #1 | W.O. Watson | 1937 | Produced | |
| Frank Gall #1 | Fell | 06/52 | 112,000 ft ³ | |

00062

----- Header Data -----

Log # Owner:MESSLER GAS CO #1 DOUGLAS St:MO Cnty:CLINTON
 002419 Alias type: Alias C SE NE TRS: S27 T55N R30W
 Alias:049-0000 Lat.:
 Type well:Oil Well Long.:
 Type log: D Quad:
 Driller:HARDAWAY & HALEY Date:02/1931
 Driller Liscense #: Confidential:N Release Dt. /
 Logger:DRILLERS Date: /

Elev.:1023 Elev.S Yield: SWL:(a) H2O @:60', 455'
 T.D.: 600 base: DrDwn: SWL:(b) TL

Bedrock at: 15 Samples saved:N Int. cored: 0 to 0
 Top Fm.:LANSING-KANSAS CITY GROUPS UNDIFFERENTIATED
 Bot Fm.:CHEROKEE GROUP
 Problems:
 Remarks:

----- Stratigraphy Data -----

| Log #:002419 | | --Lith-- | | -----Minerals----- | | | | | |
|--------------|--------------------------|----------|-----------|--------------------|-----|----|-----|----|--|
| Top | Base Name | Pr | Sc Mn Pri | Oc | Sec | Oc | Mnr | Oc | |
| 15 | 567 PENNSYLVANIAN SYSTEM | SS | LS SH | 0 | | 0 | | 0 | |
| 0 | 15 NO SAMPLES | | | 0 | | 0 | | 0 | |
| 15 | 225 LANSING-KANSAS CITY | LS | SH SD | 0 | | 0 | | 0 | |
| 490 | 491 LEXINGTON COAL BED | CO | | 0 | | 0 | | 0 | |
| 567 | 600 NO SAMPLES | | | 0 | | 0 | | 0 | |
| 600 | 600 TOTAL DEPTH | | | 0 | | 0 | | 0 | |

Printed on 06/20/95 at 15:44:50.